

09/21/01  
001960174  
S.P. PRO

<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Atty. Docket No.:</b>		<b>Serial No.:</b>		
		54481US014		Unknown		
		<b>Applicant(s):</b> James F. Brennan, III, Diann A. Sloan, Maureen T. Fahey, and James C. Novack				
		<b>Filing Date:</b> September 21, 2001		<b>Group:</b> 1731		
<b>U.S. PATENT DOCUMENTS</b>						
<b>Examiner Initial</b>	<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>SubClass</b>	<b>Filing Date If Appropriate</b>
WPF	3,980,390	09/14/76	Yamamoto et al.	350	96	03/20/75
WPF	5,157,747	10/20/92	Atkins, et al.	385	37	01/18/91
WPF	5,235,659	08/10/93	Atkins, et al.	385	124	05/05/92
WPF	5,287,427	02/15/94	Atkins, et al.	385	124	01/28/93
WPF	5,500,031	03/19/96	Atkins, et al.	65	386	12/14/94
WPF	6,146,713	11/2000	Cullen, et al.	427	553	03/25/99
<b>FOREIGN PATENT DOCUMENTS</b>						
	<b>Document Number</b>	<b>Date of Publication</b>	<b>Country</b>	<b>Class</b>	<b>SubClass</b>	<b>Translation</b>
						Yes      No
WPF	JP 07244210	19.09.95	Japan	G02B	5/18	**
WPF	WO 00/57225	29.09.00	PCT	G02B	6/16	X
** Abstract only						
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>						
WPF		R. M. Atkins and P. J. Lemaire, "Effects of Elevated Temperature Hydrogen Exposure on Short-Wavelength Optical Losses and Defect Concentrations in Germanosilicate Optical Fibers", J. Appl. Phys. 72 (2) 15 July 1992, pp. 344-348				
WPF		R. M. Atkins, et al., "Mechanisms of Enhanced UV Photosensitivity via Hydrogen Loading in Germanosilicate Glasses", ELECTRONICS LETTERS, 8 <sup>th</sup> July 1993, Vol. 29, No. 14, pp. 1234-1235				
WPF		G. W. Bibby and J. N. Ross, "Raman Spectral of Hydrogen-Treated Optical Fibres", Jan. 13, 1984 (2 pgs.)				
WPF		M. T. Bryk, "Degradation of Filled Polymers: High Temperature and Thermal-Oxidative Processes", Ellis Horwood, 1991, Chapter 1, pp. 9-70				
WPF		R. J. Campbell and R. Kashyap, "The Properties and Applications of Photosensitive Germanosilicate Fibre", INTERNATIONAL JOURNAL OF OPTOELECTRONICS, 1994, Vol. 9, no. 1, pp 33-57				
WPF		P. E. Cassidy, "Nonheterocyclic Polymers: Backbones Containing Carbon and Oxygen and Their Thio Analogs", <u>Thermally Stable Polymers</u> , Marcel Dekker Inc., New York, 1980, Chapter 3, pp. 44-66				
WPF		A. H. Frazer, "Inorganic Polymers", <u>High Temperature Resistant Polymers</u> , Interscience Publishers-John Wiley and Sons, New York, 1968, pp. 217, 222, 229, 231, and 247 of Chapter V				
WPF		D. P. Hand and P. St. J. Russell, "Photoinduced Refractive-Index Changes in Germanosilicate Fibers", Optics Letters, Vol. 15, No. 2, Jan. 15, 1990, pp. 102-104				

<i>MPE</i>	N. H. Ky, et al., "Hydrogen-induced Reduction of Axial Stress in Optical Fiber Cores", APPLIED PHYSICS LETTERS, Vol. 74, No. 4, 25 January 1999, pp. 516-518
<i>MPE</i>	P. J. Lemaire, et al., "High Pressure H <sub>2</sub> Loading as a Technique for Achieving Ultrahigh UV Photosensitivity and thermal Sensitivity in GeO <sub>2</sub> Doped Optical Fibres", ELECTRONICS LETTERS, 24 <sup>th</sup> June 1993, Vol. 29, No. 13, pp. 1191-1193
<i>MPE</i>	P. J. Lemaire, et al., "Refractive-index-changes in Optical Fibers Sensitized with Molecular Hydrogen", OFC'94, Feb. 20-25, 1994, Vol. 4, Pp. 47-48
<i>MPE</i>	P. J. Lemaire, "Enhanced UV Photosensitivity in Fibers and Waveguides by High-Pressure Hydrogen Loading", OFC '95 Technical Digest, Wednesday Afternoon, pp. 162-163
<i>MPE</i>	G. D. Maxwell, et al., "UV Written 13dB Reflection Filters in Hydrogenated Low Loss Planar Silica Waveguides", ELECTRONICS LETTERS, 4 <sup>th</sup> March 1993, Vol. 29, No. 5, pp. 425-426
<i>MPE</i>	G. D. Maxwell, et al., "UV Written 1-5 $\mu$ m Reflection Filters in Single Mode Planar Silica Guides", ELECTRONICS LETTERS, 22 <sup>nd</sup> October 1992, Vol. 28, No. 22, pp. 2106-2107
<i>MPE</i>	Daniel McStay, "Photosensitive Effects in Optical Fibres", Thesis, 1989
<i>MPE</i>	D. McStay, "Photosensitive Changes in GeDoped Fibers Observed by Raman Spectroscopy", SPIE, Vol. 1314, Fibre Optics 1990
<i>MPE</i>	G. Meltz, et al., "Formation of Bragg Gratings in Optical Fibers by a Transverse Holographic Method", Optics Letters, Aug. 1, 1989, Vol. 14, No. 15, pp. 823-825.
<i>MPE</i>	G. Meltz et al., "Bragg Grating Formation and Germanosilicate Fiber Photosensitivity", International Workshop on Photoinduced Self-Organization in Optical Fiber, SPIE, Vol. 1516, May 10-11, 1991, pp. 185-199
<i>MPE</i>	F. Ouellette, et al., "Enhancement of Second-Harmonic Generation in Optical Fibers by a Hydrogen and Heat Treatment", APPLIED PHYSICS LETTER 54 (12), 20 March 1989, pp. 1086-1088
<i>MPE</i>	F. Ouellette et al., "Permanent Photoinduced Birefringence in a Ge-doped Fiber", Applied Physics Letters, 29 April 1991, Vol. 58, p. 1813
<i>MPE</i>	J. Stone, "Interactions of Hydrogen and Deuterium with Silica Optical Fibers: A Review", Journal of Lightwave Technology, Vol. LT-s, No. 5, May 1987, pp. 712-733.
<i>MPE</i>	W. W. Wright, "The Development of Heat-Resistant Organic Polymers", <u>Degradation and Stabilization of Polymers</u> , G. Gueskens, Ed., Applied Science Publishers Ltd, London 1975, Chapter 3
EXAMINER <i>Michael Colvin</i>	Date Considered 6/3/03

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820  
(Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce

Substitute for form 1449A/PTO (modified)		Application Number	09/960174
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	September 21, 2001
(Use as many sheets if necessary)		First Named Inventor	Brennan, James F., III
APR 28 2003 O I P E C 32 TRADE & TRADEMARK OFFICE		Art Unit	1731
Page 1 of 1		Examiner Name	Not Yet Known
		Attorney Case Number	54481US014

RECEIVED  
MAY 08 2003  
GROUP 1700

U.S. Patent Documents					
Exam Init.	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
WYR	A1	US- 5,706,375	01-06-1998	Mihailov et al	
WYR	A2	US- 5,930,420	07-27-1999	Atkins et al	
WYR	A3	US- 6,240,224 B1	05-29-2001	Reekie et al	
WYR	A4	US- 6,311,524 B1	11-06-2001	Brennan, III et al	
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

Foreign Patent Documents					
Exam Init.	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Ctry. Code			
	B1				
	B2				
	B3				
	B4				
	B5				
	B6				
	B7				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam Init.	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

*Examiner: <i>Michael Celen</i>	Date Considered: <i>6/21/03</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	